

FANUC A06B-6096-H305 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

The FANUC A06B-6096-H305 is a three-axis servo amplifier with a robust power output of 3.1 kW. This unit functions effectively in temperatures ranging from 0 to 40 degrees Celsius and can handle an altitude of up to 1000 meters.

Technical specifications for A06B-6096-H305

Manufacturer FANUC

Product Line A06B

Part Number A06B-6096-H305

Weight 19.00 lbs (8.62 kg)

Product Servo Amplifier

Number of Axes 3 Axes

Power Rating 3.1 kW

Operating Temperature 0 to 40 degrees Celsius

Maximum Vibration 5G

Maximum Altitude 1000 Meters Above Sea Level

Input Voltage 283-325V

Output Voltage 230V Maximum

L-Axis Output Current 3 Amps

M-Axis Output Current 3 Amps

N-Axis Output Current 12.5 Amps

CNC Applications Supported

Description

The FANUC A06B-6096-H305, classified as a servo amplifier, supports up to three axes, making it suitable for complex machining tasks. It offers a power rating of 3.1 kW, ensuring robust performance for demanding applications. Designed to operate in temperatures ranging from 0 to 40 degrees Celsius, this unit remains effective in various conditions.

This amplifier can withstand a maximum altitude of 1000 meters above sea level and is built to endure vibrations of up to 5G. Efficiently powered by an input voltage of 283 to 325 volts, it also delivers a maximum output voltage of 230 volts. The output current specifications include 3 amps for both the L and M axes, while the N axis is rated for 12.5 amps, allowing for flexibility in motion control.

The A06B-6096-H305 is well-suited for CNC applications and is engineered to provide stability and efficiency in various industrial setups. Its design enables reliable operation in scenarios where precision and control are critical.

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